What's New

A

There are many new enhancements to the THINK C development environment. These new features in THINK C and Symantec C++ were included to improve ease of use while providing even more power and faster turnaround time for developers.

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A What's New

Upgrading THINK C

To upgrade your copy of THINK C or Symantec C++, back up and delete all the files that came in your previous package and upgrades (but not your own projects and source files). Then follow the instructions in Chapter 2, “Installation.”

Building C++ Applications Is Simpler

The biggest change in Symantec C++ is the new Visual Architect, THINK Inspector, and a C++ version of the THINK Class Library. These features help you write C++ programs faster and are described in the *Symantec C++ Compiler Guide* and the *Visual Architect and THINK Class Library Guide*.

Note

Because the THINK Class Library is now written in C++, THINK C no longer includes it. However, old versions of the THINK Class Library still work under THINK C.

Creating New Projects Is Easier

The THINK Project Manager makes it easier to create projects with project models. It now creates a project document that contains the libraries and source files you need and creates a new folder to put them in. When you choose **New Project**, a dialog opens, letting you

choose the project model that defines what should be in the project document.

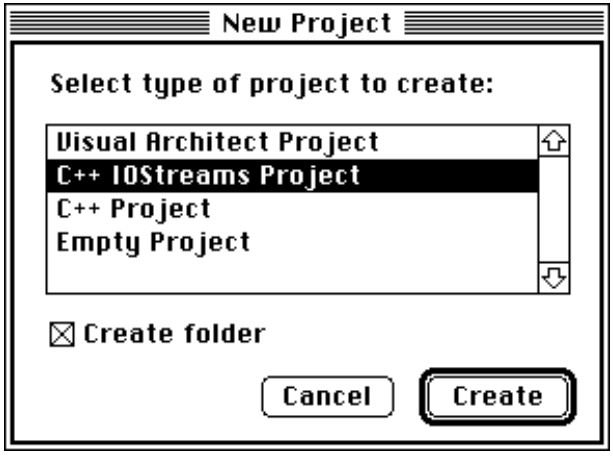

Figure A-1 New Project dialog

For more information, see the sections "Using project models" and "Creating your own project models" in Chapter 8.

Large Projects Are Segmented for You

The THINK Project Manager can now segment your projects for you. If your program contains a segment over 32K, the THINK Project Manager displays a dialog asking if you want it to segment your project automatically, as shown in Figure A-2.

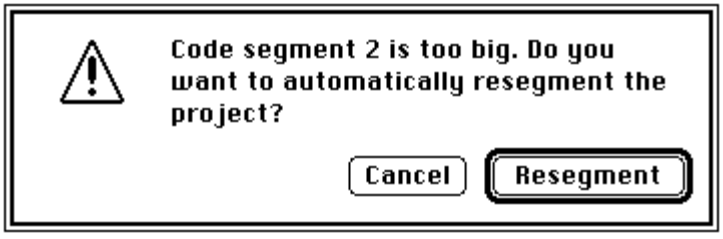

Figure A-2 Dialog asking if you want to resegment

To have the THINK Project Manager segment your projects without asking you first, select the Always Resegment on Overflow option on

the Preferences page of the **THINK Project Manager options** dialog.

For more information, see “Letting the THINK Project Manager segment your project” in Chapter 8.

More Arrangement Options for Windows

If you want to rearrange the editing windows so all their title bars are visible, choose **Arrange** from the **Windows** menu. It lets you rearrange your windows in four ways. **Arrange** replaces the **Cleanup** command.

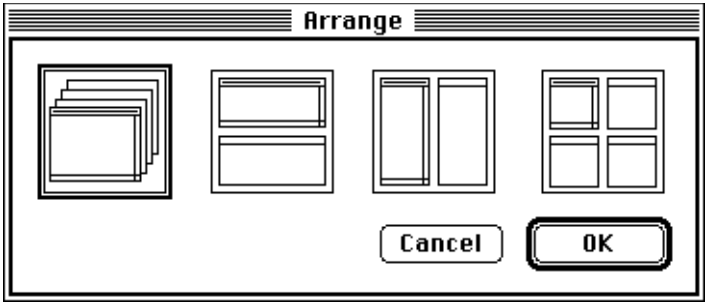

Figure A-3 The Arrange dialog

For more information, see “Selecting and Arranging Windows” in Chapter 10.

Find Dialog Remembers Old Search Strings

The **Find** dialog remembers the past five strings you entered in the Search and Replace fields. Use the pop-up menus to the right of the fields to choose one of the strings.

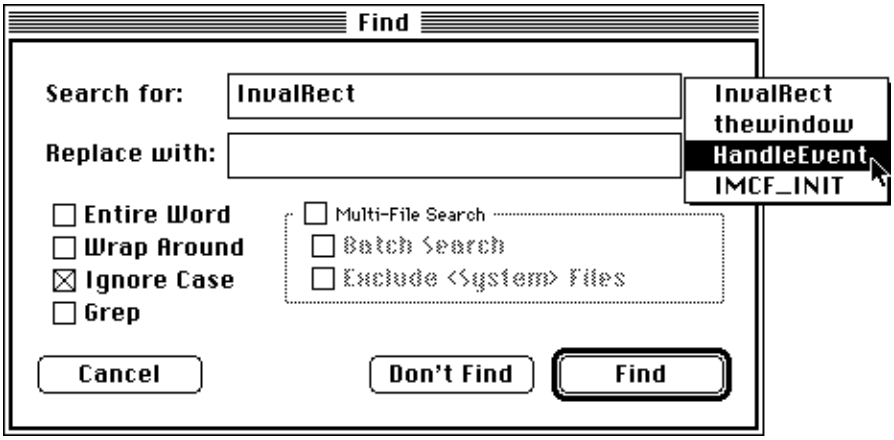

Figure A-4 The Find dialog with a pop-up menu

More Movable Dialogs

More of the dialogs in THINK Project Manager are movable, including the **Find**, **Go To Line**, and **Mark** dialogs.

Avoid Open Project Dialog

In the past, the THINK Project Manager always asked you to open a project when you first started or closed a project. You can now avoid this by turning on the Don't Ask for Project on Open option on the Preferences page of the **THINK Project Manager options** dialog.

More Window Positions Saved

The THINK Project Manager now saves the position and contents of the Compile errors, Link errors, and Search results windows, when you close a project. The windows are restored when you next open the project.

Project Window Is Colorized

If you're using the THINK Project Manager on a color monitor, many elements in the project window, including the bug, are now in color.

Preferences Stored in Preferences File

The THINK Project Manager now stores application-wide preferences in a file in the Preferences folder under System 7, or in the System folder under System 6. The THINK Project Manager no longer writes to its resource fork.

Scripting Improved

The THINK Project Manager has some new scripting features:

- The THINK Project Manager has a new **Scripts** menu. It includes the names of any compiled AppleScripts in the `AppleScripts` folder that is contained in the THINK Project Manager folder.
- You can write an AppleScript that returns the last file in a segment or the last segment of the project.
- The THINK Project Manager supports the Frontier 3.0 component-based menu sharing protocol.

SourceServer Improved

SourceServer support has been improved:

- If you hold down the Shift key while opening a project, the THINK Project Manager does not automount the project's SourceServer DB.
- When you click the pencil icon in an editing window, you see a dialog with the revision information for that file.

A What's New